Selected Publication List

(A) Books, Monographs, and Research Reports

▪ **Siu, K. W. M.**, Lo, K. Y. A., & Wong, Y. L. (Eds.) (2021). <u>Playful public design by children</u> (312 page). Hong Kong: The Hong Kong Polytechnic University.

▪ **Siu, K. W. M.**, & Wong, Y. L. (Eds.) (2019). <u>Practice and progress in social design and sustainability</u> (330 pages). Hershey, PA: IGI Global.

▪ **Siu, K. W. M.**, & Contreras, G. J. (Eds.) (2017). <u>Design education for fostering creativity and innovation in China</u> (283 pages). Hershey, PA: IGI Global.

▪ **Siu, K. W. M.** (2015). <u>Sustainability ambassadors: Promoting sustainability through children's participation</u> (48 pages). Hong Kong: School of Design, The Hong Kong Polytechnic University.

▪ **Siu, K. W. M.**, & Hu, K. G. C. (2012). <u>i-Give: A new era of charity donation</u> (3rd ed.). Hong Kong: The Hong Kong Polytechnic University. (Bilingual ed.: English & Japanese)

▪ Hai, J., & **Siu, K. W. M.** (2012). <u>Design at the edges.</u> Chongqing: Chongqing University Press. (Chinese ed.).

▪ **Siu, K. W. M.** (2009). <u>FlexiBOL: Flexible bollard and railing systems for changing urban needs.</u> Hong Kong: SD Press, The Hong Kong Polytechnic University.

▪ **Siu, K. W. M.**, & Hu, K. G. C. (2009). <u>i-Give: A new era of charity donation</u> (2nd ed.). Hong Kong: SD Press, The Hong Kong Polytechnic University.

▪ **Siu, K. W. M.**, & Hu, K. G. C. (2009). <u>i-Give: A New Era of Charity Donation</u> (1st ed.). Hong Kong: SD Press, The Hong Kong Polytechnic University.

▪ **Siu, K. W. M.** (2009). <u>Inclusive design: Chinese chess for the visually impaired</u> (Descriptions and User Manual). Hong Kong: School of Design, The Hong Kong Polytechnic University. (Bilingual ed.)

▪ **Siu, K. W. M.** (2008). <u>Inclusive design: Chinese chess for the visually impaired</u> (2nd ed.). Hong Kong: School of Design, The Hong Kong Polytechnic University.

▪ **Siu, K. W. M.** (Ed.) (2009). <u>New era of product design: Theory and practice.</u> Beijing: Beijing Institute of Technology Press. (Chinese ed.)

▪ **Siu, K. W. M.** (2008). <u>Tactile guide paths: Guiding towards an inclusive society.</u> Hong Kong: SD Press. (Chinese ed.)

▪ **Siu, K. W. M.** (2008). <u>Inclusive design: Chinese chess for the visually impaired</u> (1st ed.). Hong Kong: School of Design, The Hong Kong Polytechnic University. (Chinese ed.)

▪ **Siu, K. W. M.** (2008). <u>Inclusive design: Chess for those playing by heart.</u> Hong Kong: School of Design, The Hong Kong Polytechnic University.

▪ **Siu, K. W. M.** (2007). <u>Designs of country park facilities of Hong Kong.</u> Hong Kong: School of Design, The Hong Kong Polytechnic University. (Chinese ed.)

▪ **Siu, K. W. M.** (Ed.) (2007). <u>Bus stops in China: Designs of bus stops and user practices in Beijing, Tianjin and Hong Kong.</u> Hong Kong: School of Design, The Hong Kong Polytechnic University.

▪ **Siu, K. W. M.** (Ed.) (2007). <u>Urban renewal and design: City, street, street furniture</u> (145 pages). Hong Kong: School of Design The Hong Kong Polytechnic University.

▪ **Siu, K. W. M.** (Ed.) (2007). <u>Accessible design: Devices for blind persons to access buses.</u> Hong Kong: The Hong Kong Polytechnic University.

- **Siu, K. W. M.** (2007). <u>Clogfree filter: Filter with better performance by minimizing clogging.</u> Hong Kong: The Hong Kong Polytechnic University.

- Kwok, Y. C. J., & **Siu, K. W. M.** (Eds.) (2004). <u>Project brochure: Community space research and design.</u> Hong Kong: The Hong Kong Polytechnic University.

- Kwok, Y. C. J., & **Siu, K. W. M.** (2002). <u>Participatory research for the designing of children and youth integrated services centres.</u> Hong Kong: The Hong Kong Polytechnic University. (The implementation of the renovation of one of the centres has been chosen by the Hong Kong Welfare Department as "The Most Exemplary Newly Designed Centre.") (**Siu, K. W. M.** : Executive Editor)

- **Siu, K. W. M.** (2001). <u>The practice of everyday space: The reception of planned open space in Hong Kong.</u> Ann Arbor, MI: UMI Research Press.

- Kwok, Y. C. J. (Ed.) (2000). <u>Project on newly designed living environment for the elderly.</u> Hong Kong: Research Group on Urban Space and Culture, The Hong Kong Polytechnic University. (**Siu, K. W. M.** : Chief Author and Executive Editor of the report)

- Kwok, Y. C. J. (Ed.) (1999). <u>Ageing in the community: A research on the designing of everyday life environment for the elderly.</u> Hong Kong: World-Making Workshop. (**Siu, K. W. M.** : Executive Editor and Co-author)

(B) Chapters in Books

- Wu, X., **Siu, K. W. M.**, Bühring, J., & Villani, C. (2023). Team creativity by integrating knowledge management: A guide for andragogical leadership. In V. Wang (Ed<u>.), Handbook of research on andragogical leadership and technology in a modern world</u> (Chapter 12, pp. 214-236). Hershey, PA: IGI Global.

- Wong, Y. L., Yang, Z., & **Siu, K. W. M.** (2022). Design thinking in educational leadership. In V. Wang (Ed.), <u>Handbook of research on educational leadership and research methodology</u> (Chapter 7, pp. 116-129). Hershey, PA: IGI Global.

- **Siu, K. W. M.**, Wong, Y. L., & Xiao, J. X. (2020). Inclusiveness and exclusion in public open spaces for the visually impaired persons. In V. Mehta & D. Palazzo (Eds.), <u>Companion to public space</u> (pp. 106-120, Part 2, Chapter 10). New York: Routledge.

- **Siu, K. W. M.**, & Wong, Y. L. (2020). Design education, curation, and infrastructure in Hong Kong. In H. Fujita & C. Guth (Eds.), <u>Encyclopedia of East Asian design</u> (pp. 180-183; Part 3: Hong Kong). London: Bloomsbury.

- Contreras, G. J., & **Siu, K. W. M.** (2019). Report of an interdisciplinary course in product design education. In V. X. Wang (Ed.), <u>Handbook of research on transdisciplinary knowledge generation</u> (Chapter 1, pp. 1-17). Hershey, PA: IGI Global.

- Ma, Y. H., Zou, G, T., **Siu, K. W. M.**, & Wong, Y. L. (2019). Social-architectural design of community-based embedded comprehensive elderly centers in China: Design content and process. In K. W. M. Siu & Y. L. Wong (Eds.), <u>Practice and progress in social design and sustainability</u> (Chapter 5, pp. 94-116). Hershey, PA: IGI Global.

- Farinmade, A. A., Soyinka, O. A., & **Siu, K. W. M.** (2018). Urban safety and security in Lagos Metropolis, Nigeria: CCTV inclusive design for sustainable urban development. In J. Mugambwa & M. W. Katusiimeh (Eds.), <u>Handbook of research on urban governance and management in the developing world</u> (pp. 193-206). Hershey, PA: IGI Global.

- Wong, Y. L., & **Siu, K. W. M.** (2018). The development and evolution of design education from secondary school to tertiary education. In V. X. Wang (Ed.), <u>Handbook of research on positive scholarship in global K-20 education</u> (Chapter 17, pp. 230-240). Hershey, PA: IGI Global.

- Wong, Y. L., & **Siu, K. W. M.** (2018). The curriculum development and project-based assessment of design education in Singapore and Hong Kong secondary schools. In V. X. Wang (Ed.), <u>Handbook of research on program development and assessment methodologies in K-20 education</u> (Chapter 11, pp. 220-243). Hershey, PA: IGI Global.

- **Siu, K. W. M.** (2017). Guerrilla wars in everyday public spaces: Inspirations for designers. In M. Q. Ni & M. J. Zhu (Eds.), <u>Open your space: Design intervention for urban resilience</u> (pp. 276-295) (bilingual ed.). Shanghai: Tongji University Press.

- Wong, Y. L., & **Siu, K. W. M.** (2017). Assessing computer-aided skills. In M. Khosrow-Pour (Ed.), <u>Encyclopedia of information science and technology (4th ed.)</u> (pp. 7382-7391). Hershey, PA: IGI Global.

- **Siu, K. W. M.**, & Wong, Y. L. (2017). Leadership and management in a workshop-based educational project: A case study of an environmental sustainability project. In V. Wang (Ed.), <u>Encyclopedia of strategic leadership and management</u> (Chapter 64, pp. 929-940).

- **Siu, K. W. M.**, & Sharma, S. (2017). Challenges in leading and managing design teams. In V. Wang (Ed.), <u>Encyclopedia of strategic leadership and management</u> (Chapter 55, pp. 799-809). Hershey, PA: IGI Global.

- **Siu, K. W. M.**, & Contreras Garcia, G. J. (2017). 20 years of doctoral research studies in design in Hong Kong. In K. W. M. Siu & G. J. Contreras (Eds.), <u>Design education for fostering creativity and innovation in China</u> (pp. 227-244). Hershey, PA: IGI Global.

- Chen, X., & **Siu, K. W. M**. (2016). The influence and challenge of smart communication on the creative industry management in the age of big data. In L. Ye, Y. Xiang & S. F. Chen (Eds.), <u>Peking University cultural industries review, 2014</u> (pp. 281-291). Beijing: Sino-Culture Press.

- **Siu, K. W. M.** (2016). Building the green space for elderly. In K. L. Lam et al. (Eds.), <u>Flexibility and healing force: Horticultural therapy programme design, case study and evaluation for elderly patients and their carers</u> (pp. 21-27). Hong Kong: Social Service Units, The Evangelical Lutheran Church of Hong Kong.

- **Siu, K. W. M.**, & Zhu, M. J. (2016). Neutral equilibrium in public space: Mong Kok Flower Market in Hong Kong. In M. Chalana & J. Hou (Eds.), <u>Messy urbanism: Understanding the "other" cities of Asia</u> (Chapter 8, pp. 137-154). Hong Kong: Hong Kong University Press.

- **Siu, K. W. M.**, & Wong, Y. L. (2016). Learning opportunities and outcomes of design research in the digital age. In V. Wang (Ed.), <u>Handbook of research on learning outcomes and opportunities in the digital age</u> (Chapter 24, pp. 538-556). Hershey, PA: IGI Global.

- **Siu, K. W. M.**, & Contreras García, G. J. (2016). Disruptive technology and education: Is there any disruption after all? In V. Wang (Ed.), <u>Handbook of research on learning outcomes and opportunities in the digital age</u> (Chapter 28, pp. 643-663). Hershey, PA: IGI Global.

- **Siu, K. W. M.**, & Contreras, G. J. (2015). Personal interaction and informal learning: The case of China. In O. Mejiuni, P. Cranton & O. Taiwo (Ed.), <u>Measuring and analyzing informal learning in the digital age</u> (Chapter 10, pp. 140-152). Hershey, PA: IGI Global.

- **Siu, K. W. M.**, & Wong, Y. L. (2015). Soft and hard technologies in technology education. In Information Resources Management Association (USA) (Ed.), <u>Curriculum design and classroom management: Concepts, methodologies, tools, and applications</u> (Chapter 22, pp. 378-391). Hershey, PA: IGI Global.

- **Siu, K. W. M.**, & Wong, Y. L. (2014). Soft and hard technologies in technology education. In V. C. X. Wang (Ed.), <u>Handbook of research on education and technology in a changing society (2 Volumes)</u> (Chapter 46, pp. 625-638). Hershey, PA: IGI Global.

- **Siu, K. W. M.**, & Wong, Y. L. (2013). Changes in the technological aspects and facilities of design education: A case study of Hong Kong. L. A. Tomei (Ed.), <u>Learning tools and teaching approaches through ICT advancements</u> (pp. 89-101). Hershey, PA: IGI Global.

- **Siu, K. W. M.** (2013). Regulation and reception of public space in Hong Kong. In J. Hou (Ed.), <u>Transcultural cities: Border-crossing & placemaking</u> (pp. 285-298). New York: Taylor & Francis.

- Ng, A. W. Y., **Siu, K. W. M.**, & Chan, C. C. H. (2013). How do designers perceive user involvement in the creative design process? In S. B. Tan (Ed.), <u>The convergence of the performing and creative arts: Reimagining methodologies and traditions</u> (pp. 201-210). Malaysia: Universiti Sains Malaysia Press.

- **Siu, K. W. M.** (2012). Improvement of living environment and upgrade of quality of life? <u>Seeing history from life stories</u> (pp. 112-118). Hong Kong: Social Service Units, The Evangelical Lutheran Church of Hong Kong.

- **Siu, K. W. M.** (2012). Formative student feedback: Enhancing the quality learning and teaching. In C. S. Nair, A. Patil & P. Mertova (Eds.), <u>Enhancing learning and teaching through student feedback in engineering</u> (pp. 43-59). Cambridge: Chandos Publishing.

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- Lu, J. Y., **Siu, K. W. M.**, & Xu, P. (2012). A comparative study on the design standards of tactile ground surface indicators in different countries. <u>Outstanding papers of China industrial design development in the past decade</u> (pp. 357-359). Beijing: China Industrial Design Association and Design Magazine Publisher. (Chinese ed.)

- **Siu, K. W. M.** (2011). Work-integrated learning in postgraduate design research: Regional collaboration between the Chinese mainland and Hong Kong. In P. Keleher, A. Patil & R. E. Harreveld (Eds.), <u>Work-integrated learning in engineering, built environment and technology: Diversity of practice in practice</u> (pp. 164-183). Hershey, PA: IGI Global.

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- **Siu, K. W. M.** (2011). City planning for the new age. In Z. W. Zhou (Ed.), <u>Transactions of K. C. Wong Education Foundation supported lectures, Volume 33</u> (pp. 44-57). Shanghai: Shanghai University Press.

- **Siu, K. W. M.** (2011). Openness: Freedom and control. In Z. W. Zhou (Ed.), <u>Transactions of K. C. Wong Education Foundation supported lectures, Volume 33</u> (pp. 31-34). Shanghai: Shanghai University Press.

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- Feng, W. W., **Siu, K. W. M.**, & Gu, J. J. (2011). Exploring the position of technology education in China. In M. J. de Vries (Ed.), <u>Positioning technology education in the curriculum</u> (pp. 227-242). Rotterdam: Sense Publishers.

- **Siu, K. W. M.** (2010). The designer's perspective. <u>Age-friendly bus design (Research report)</u> (pp. 6-8). Hong Kong: Caritas Hong Kong. (Chinese ed.)

- **Siu, K. W. M.** (2009). Quality assurance in engineering education: An all-round perspective. In A. S. Patil & P. J. Gray (Eds.), <u>Engineering education quality assurance: A global perspective</u> (pp. 181-189). New York: Springer.

- **Siu, K. W. M.** (2009). Quality in design: Policy, Implementation and management. In K. W. M. Siu (Ed.), <u>New era of product design: Theory and practice</u> (pp. 3-15). Beijing: Beijing Institute of Technology Press.

- **Siu, K. W. M.** (2009). Reader response and reception theories: User oriented design. In K. W. M. Siu (Ed.), <u>New era of product design: Theory and practice</u> (pp. 16-29). Beijing: Beijing Institute of Technology Press.

- **Siu, K. W. M.** (2009). Pleasurable Products: Towards user-fit designs. In K. W. M. Siu (Ed.), <u>New era of product design: Theory and practice</u> (pp. 30-39). Beijing: Beijing Institute of Technology Press.

- **Siu, K. W. M.** (2009). Culture, society and design: Case study of invisible niche. In K. W. M. Siu (Ed.), <u>New era of product design: Theory and practice</u> (pp. 40-49). Beijing: Beijing Institute of Technology Press.

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- **Siu, K. W. M.** (2009). Creating potential problems: knowledge, experience and critical thinking in design. In K. W. M. Siu (Ed.), <u>New era of product design: Theory and practice</u> (pp. 64-72). Beijing: Beijing Institute of Technology Press.

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- **Siu, K. W. M.** (2008). Quality in design: User-oriented design of public toilets for visually impaired persons. In H. Pham (Ed.), <u>Recent advances in reliability and quality in design (Series in Reliability)</u> (pp. 441-463). New York, NY: Springer.

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- **Siu, K. W. M.** (2004). Street furniture design. In T. P. Leung (Ed.), <u>Hong Kong: Better by design</u> (pp. 77-86). Hong Kong: The Hong Kong Polytechnic University.

- **Siu, K. W. M.** (2004). Flexible learning environment for design education: Meeting the changes. In D. Saunders, K. Brosnan, M. Walker, A. Lines, J. Storan, T. Acland (Eds.), <u>Learning transformations: Changing learners, changing organisations, changing communities</u> (pp. 110-113). London: Forum for the Advancement of Continuing Education, University of East London.

- **Siu, K. W. M.** (2004). Community and urban redevelopment. In K. W. Chan (Ed.), <u>Teaching critically and creatively: Hong Kong communities studies</u> (Chinese edition) (Vol. 1, pp. 79-115; Vol. 2, pp. 105-110). Hong Kong: The Centre of Asian Studies, The University of Hong Kong.

- **Siu, K. W. M.** (2003). A faded community: A study of Chun Yeung Street under Hong Kong government urban redevelopment. In N. Pun & L. M. Yee (Eds.), <u>Narrating Hong Kong culture and society</u> (pp. 361-392). Hong Kong: Oxford University Press.

- Kwok, Y. C. J., & **Siu, K. W. M.** (2003). Design culture and theory in design curricula. In A. Lo (Ed.), <u>Navigating design: A voyage of discovery</u> (pp. 306-307). Hong Kong: The Hong Kong Polytechnic University.

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- Kwok, Y. C. J. (Ed.) (1998). <u>The production of space in Hong Kong</u> (Bilingual ed.). Hong Kong: Crabs. (**Siu, K. W. M.** : Executive Editor of the book)

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(C) Refereed Journal Articles

- Chen, P., Jian, I. Y., Zhang, L., **Siu, K. W. M.**, Liu, J., Liu, Z. (2023). Towards a smart healthy city: A generalised flow-based 2SFCA method for incorporating actual mobility data in healthcare accessibility evaluation. Travel Behaviour and Society, 34. Available online January 2023. https://doi.org/10.1016/j.tbs.2023.100706

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- Hashim, H., Zulkepeli, M. K., Abd Rahman, K. A. A., & **Siu, K. W. M.** (2023). Technical design and production of special effects in musical theatre performances. Journal of ASIAN Behavioural Studies, 8(24), 67-78.

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